**Intermediate Learners**

The Water Cycle

* **Lab:** The Berkeley Ecology Center's [Terrain for Schools (TFS)](http://www.ecologycenter.org/tfs/lesson.php?id=13517" \t "_blank) offers a great unit on water chemistry, including several labs.

Rivers and Ecosystems

* **Lesson:** The TFS offers an engaging [unit on threats to salmon populations](http://www.ecologycenter.org/tfs/lesson.php?id=13467" \t "_blank) and different types of human disturbances to rivers and watersheds.
* **Lab:** [A lab-based unit](http://www.pbs.org/safarchive/4_class/45_pguides/pguide_602/4562_dams.html" \t "_blank) on dams and the baiji dolphin in the Yangtze River by PBS.

Rivers and People

* **Lesson:** [National Geographic Xpeditions](http://www.nationalgeographic.com/xpeditions/lessons/14/g68/tgrivers.html" \t "_blank) has a unit on rivers and dams that allow students to apply their knowledge to a proposed local dam. A great case study on the Niger River and its communities is also offered by Xpeditions.
* **Lab:** The TFS offers a [unit on dam impacts and decommissioning](http://www.ecologycenter.org/tfs/lesson.php?id=13463/tfs/lesson.php?id=13463" \t "_blank) through a hands-on siltation lab.

Protecting River Resources

* **Lesson:** A set of lesson plans using the [National Geographic web resources](http://www.nationalgeographic.com/geography-action/conservation.html" \t "_blank) that explore conservation.
* **Lesson:** TFS has a [social studies unit on watershed management](http://www.ecologycenter.org/tfs/lesson.php?id=13481" \t "_blank) that allows students to seek solutions that recognize the interconnectedness of water and forests.
* **Guide:** International Rivers' ["River Keepers Guide"](http://www.internationalrivers.org/node/4002) offers an introduction to how watersheds work, and threats to them. Learn about global river movements and how to be river advocates. Also in [Mandarin Chinese](http://www.internationalrivers.org/files/attached-files/river_keepers_handbook_-_chinese.pdf).